UNITED STATES PATENT AND TRADEMARK OFFICE

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ART UNIT	PAPER NUMBER
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DATE MAILED: 07/01/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>04 March 2005</u>.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-180</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-180</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1.   The following is a quotation of the appropriate paragraphs of 35

U.S.C. 102 that form the basis for the rejections under this section made in this Office

action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2.   Claims 1-16, 18-74, 78-109 and 118-180 are rejected under 35

U.S.C. 102(e) as being anticipated by **Treyz et al (6,526,335).**

As to claims 1-2, note the **Treyz** reference figures 1-2, 56 and 57, discloses

automobile personal computer systems and further discloses a system for expediting

transactions necessary to acquire goods/services from a provider, wherein additional

information, including directions from a current location to a provider location, related to

the goods/services is available from an information source related to a program

provided in a programming signal, comprising:

the claimed "at least one receiver for receiving a programming signal and an

address associated with a provider..." is met by Wireless Receiver/Transmitter (R/T) or

Wireless Communications Circuitry (WCC) 306 of Automobile Personal Computer

(APC) 14 "a user system" (figs. 1, 13, col. 10, line 35-col. 11, line 1+), which is in

communication with Antenna 54, 58, etc., (fig. 2) Base Station, Data broadcast sources

and other local wireless and wire networks and receives services or data signals

"programming signal and an address associated with provider..." such as e-mail, voice,

paging, text, audio or video program, etc., from a Service Provider, Merchant,

Broadcasting Station, etc., (SP) "a provider system," or "a data processing center," via

wireless links, such as, Internet, terrestrial base stations, satellite signals from GPS,

radio and data broadcast, etc., or physical wiring such as, cables, coaxial cable, buses,

optical fibers, etc., (col. 13, lines 3-12) "a programming transmission system" (col. 11,

line 1-col. 12, line 1+), the data signal received at APC-14 includes an address of the

SP (col. 17, lines 29-40, col. 39, lines 48-62, col. 58, line 47-col. 61, line 23 and line 46-

col. 62, line 12), and when a user interacts with the received data signal for additional

information, if desired a driving direction to a destination "an address" is provided to the

user; note that APC-14 is any device such as, a computer system or any device, such

as PDA, laptop, palm-size computer, cellular telephone, wrist watches, with built-in

computing capabilities (col. 10, lines 23-38); these services,

 APC 14 includes a decoder "an access controller" (col. 13, lines 38-51, col. 22,

lines 1-19 and col. 66, lines 13-19), which is connected to R/T for decoding the address;

 the claimed "a user interface..." is met by Front-Panel (FP) 256 (figs. 8-11 and

col 18, lines 9-40), which includes Display 270, a touch screen, where the user interacts

and enters commands to access the additional information;

 the claimed "communication unit for establishing a link..." is met by Processor(s)

(Pro) 72 (col. 13, lines 38-50), which establishes a link, upon receiving the user

command, with a service/content provider "an information source" with the address (col.

33, lines 6-49 and col. 61, line 46-col. 62, line 12);

the claimed "a MOTES interface device which expedites the acquiring of goods/services by the user..." is met by APC-14 "a transaction processing system," "information processing system or reader" (col. 22, lines 10-19, line 54-col. 23, line 16, col. 53, line 60-col. 54, line 29) which includes Processor 72 for communicating a user's identity to the service provider, and executes interactive prompts (col. 12, lines 21-29) to the user from the service provider for the acquiring or purchasing products or goods and services by the user from the provider, and enables the user to performing financial transactions (col. 45, line 23-col. 46, line 1+), furthermore the a GPS Receiver 112 (col. 31, lines 16-30 and col. 33, lines 6-49) determines the location of the user and communicates information to APC-14 Processor 72 to acquire the necessary information to nearby service providers; the user can further make a hotel reservation and upon arrival to hotel in person, the user provides a credit card, which verifies the user identify, for the necessary services or transactions (col. 46, line 30-col. 47, line 16).

As to claim 3, Treyz further discloses where the E-signal is a radio broadcast signal and data broadcast signal (col. 11, 5-10 and col. 12, lines 21-45).

As to claim 4, Treyz further discloses the E-signal comprises, at least one selected from an audio, video and combined audio and video signals (col. 13, lines 38-51).

As to claim 5, Treyz further discloses where the E-signal is received from a storage device 80 (col. 13, line 38-col. 14, line 21 and col. 35, lines 22-25).such as: digital versatile disk, compact disk, video cassette player, magnetic tape, hard disc

drive, optical storage, magnetic storage, Memory Stick, Memory card, write/rewritable

CDROM and DVD ROM (col. 14, lines 1-18, line 66-col. 15, line 13 and col. 16, lines 37-

59)

As to claim 6, Treyz further discloses where the E-signal is received from

storage, such as digital versatile disk, etc., (col. 13, line 38-col. 14, line 21 and col. 35,

lines 22-25).

As to claims 7-8, Treyz further disclose where APC-14 stores user information,

such as user ID, payment, location, preferences, etc., (col. 30, line 25-col. 31, line 15),

are utilized to expedite the acquiring of goods/services by the user from the provider

(col. 32, lines 13-27).

As to claims 9-13, Treyz further discloses where the user information is

communicated to the provider prior to arrival of the user at a destination location (col.

32, lines 13-54), provider at the time of arrival of the user at a destination,

communicated to the provider electronically or verbally (col. 38, lines 20-34 and line 55-

col. 39, line 1+), to receive the goods and services (col. 45, line 23-col. 46, line 43 and

col. 61, line 46-col. 62, line 17).

As to claims 14-15, Treyz further discloses communicating to the provider via

wireless signal upon arrival to the destination and where the wireless comprises a

MOTES signal (col. 62, lines 12-17).

As to claim 16, Treyz further discloses the E-Signal, such as e-mail, voice,

paging, text, audio or video program, etc., are received via wireless links (Internet,

terrestrial base stations, satellite signals from GPS, radio and data broadcast, col. 11,

line 1-col. 12, line 1+) and where the GPS receiver uses the signals received to

determined the current locations of APC-14.

As to claim 18, Treyz further discloses the E-Signal contains an audio program

and the system comprises at least one speaker for presenting the audio program (col.

34, lines 57-65).

As to claim 19, Treyz further discloses where the E-signal contains a video

program and the system comprises a display or FP-256 for presenting the video

program (col. 18, lines 9-33 and col. 21, line 60-col. 22, line 1+).

As to claim 20, Treyz further discloses where the address is embedded in signal

and transmitted over the Internet (col. 21, line 60-col. 22, line 1+).

As to claim 21, Treyz further discloses where the address is transmitted

separately from the signal and enables the user to input starting address add Final

destination address (col. 21, line 60-col. 22, line 1+)

As to claim 22, Treyz further discloses is associated with online information

provider (col. 21, line 60-col. 22, line 1+).

As to claims 23, Treyz further discloses where the address contains an Intranet

address for use by private networks and further discloses a Web Browser, which

interfacing with the Internet (col. 21, lines 16-42, line 60-col. 22, line 1+ and col. 44,

lines 43-67).

As to claim 24, Treyz further discloses where the APC-14 comprises an address

extractor, in communications with the receiver, which extracts the address from the

programming signal and an indicator signal generator, which upon receipt of the

address generates an indicator signal (col. 28, lines 44-63, col. 34, lines 54-65, col. 35, lines 29-53 and col. 36, lines 35-59).

As to claims 25, Treyz further discloses where the address is a database file designator and provider online via map data (col. 21, line 60-col. 22, line 1+).

Claim 26 is met as previously discussed with respect to claim 1.

As to claims 26-27, Treyz further discloses where GPS is a differential GPS (col. 11, lines 38-67), which receives GPS satellite signals, correcting errors and determines the current location and the location closets to the current location (col. 31, lines 22-48 and col. 53, lines 15-40), using street address, an intersection, latitude and longitude and measurement of time, etc., (col. 33, lines 6-30).

As to claim 28, Treyz further discloses where the user interface comprises a HUD unit, voice commands recognition device, speaker, keypad, etc., (col. 13, line 38-col. 14, line 2 and col. 15, lines 28-43).

As to claim 29-31, Treyz further discloses where the additional information includes a menu of options provided by the provider, for the goods and services, and available for selections by the user, using a touch screen display interface (col. 20, lines 13-47, col. 21, line 60-col. 22, line 19 and col. 22, lines 10-34)

As to claim 32-34, Treyz further discloses where the provider is co-located at a destination location, where the provider is remote to a destination location and provider receives an order form the user for at least goods and service and communicates the order to as affiliate at the destination location for fulfilling (col. 45, line 23-col. 46, line 1+, col. 59, lines 32-45 and col. 61, line 46-col. 62, line 17) and where the order is

received over an Internet link (col. 58, lines 11-67).

As to claim 35, the claimed "a method of expediting a provisioning of goods/services to a user at a destination location...comprising" contains the same structural elements as rejected claim 1 above.

Claim 36 is met as previously discussed with respect to claim 3.

Claim 37 is met as previously discussed with respect to claim 4.

Claim 38 is met as previously discussed with respect to claim 1, the claimed generating an indications to the user of additional information is met as previously discussed with respect to claim 24.

Claim 39 is met as previously discussed with respect to claim 20.

Claim 40 is met as previously discussed with respect to claim 21.

Claim 41 is met as previously discussed with respect to claim 16.

Claim 42 is met as previously discussed with respect to claim 16.

Claim 43 is met as previously discussed with respect to claim 6.

Claim 44 is met as previously discussed with respect to claim 23.

Claim 45 is met as previously discussed with respect to claim 16

Claim 46 is met as previously discussed with respect to claim 16.

Claim 47 is met as previously discussed with respect to claim 4.

Claim 48 is met as previously discussed with respect to claim 31.

Claim 49 is met as previously discussed with respect to claim 5.

Claim 50 is met as previously discussed with respect to claim 8.

Claim 51 is met as previously discussed with respect to claim 6.

Claim 52 is met as previously discussed with respect to claim 6.

Claim 53 is met as previously discussed with respect to claim 1.

Claim 54 is met as previously discussed with respect to claim 18.

Claim 55 is met as previously discussed with respect to claim 1.

Claim 56 is met as previously discussed with respect to claim 1.

As to claim 57, Treyz further discloses where APC-14 further comprises a device

compatible with navigation system selected from the group consisting of: Distance

Measuring Equipment which utilizes transmissions and radials including time changes

and frequency changes to determine locations, Loran, radio frequency triangulation,

intersection of radio signals with radials, and 911 based locations identification (col. 33,

lines 6-30, col. 44, lines 27-42).

As to claims 58-59, Treyz further discloses where GPS receiver 112 receives

GPS and DGPS satellite signals, correcting errors and determines the current location

of the receiver based upon the GPS satellite (col. 11, lines 38-67 and col. 33, lines 6-

30).

Claim 60 is met as previously discussed with respect to claim 16.

Claim 61 are met as previously discussed with respect to claims 26-27.

As to claims 62-63, Treyz further discloses where APC-14 analyzes the Map

data, determines which of the various locations of the destination is nearest to the

current location, and selects a location nearest to the current location as the destination,

by eliminating from the lists destinations not closer to the current location of APC-14,

where the nearest location determined based upon commuting distance, based upon

commuting distance, based upon commuting time and where APC-14 analyzes the Map

data, calculates an estimated time of travel from the current location to the locations in

the Map data and selects as the destination the location with the shortest estimated

time of travel (col. 31, lines 22-48, col. 53, lines 15-40, col. 61, line 46-col. 62, line 11

and col. 86, line 27-col. 87, line 17) and transmitting a Map direction "result of the

determination" to the APC-14, note that the user can selected favorite restaurant the

MAP data provides the user with the shortest and quickest route to the user's current

location.

As to claim 64, Treyz further discloses where the Processor of APC-14, which

accesses the user's identify, is compatible with APC-14 which enables the user's

identify and payment information to be automatically determined upon arrival of the user

at the destination (col. 22, lines 10-19, line 54-col. 23, line 16, col. 53, line 60-col. 54,

line 29).

Claim 66 is met as previously discussed with respect to claim 7.

Claim 67 is met as previously discussed with respect to claim 9.

Claim 68 is met as previously discussed with respect to claim 10.

Claim 69 is met as previously discussed with respect to claim 11.

Claim 70 is met as previously discussed with respect to claim 12.

Claims 71-72 is met as previously discussed with respect to claims 62-63

As to claims 73-74, Treyz further discloses S-80 "data storage device" stored

locally at APC-14, containing at least data that identifies each of the Map data by an

address, a look-up table, where the address identifies a location of the Map data

storage device, containing direction finding software for determining directions between

two locations and a map software, where APC-14 utilizes the direction finding software

in generating directions from the current location to the destination and overlays a map

of the APC-14 display (col. 13, lines 58-67, col. 33, lines 25-30, col. 53, lines 15-40, col.

61, line 46-col. 62, line 11 and col. 86, line 27-col. 87, line 17).

As to claim 78, the claimed "a computer readable medium containing instructions

for expediting a provisioning of goods/services to a user at a destination

location...comprising" contains the same structural elements as rejected claim 1 above.

As to claims 79-80, the claimed "system for providing goods/services to a user on

an expedited basis upon reception of a programming signal and an address identifying

additional information related to a program in the programming signal...comprising"

contains the same structural elements as rejected claim 1 above.

As to claim 82, Treyz further discloses APC-14 communicates interactively user

information automatically via a programming signal (col. 12, lines 21-53 and col. 61, line

24-col. 62, line 23 and line 61+).

As to claims 83-89, Treyz further discloses where the SP, MC, BS, etc,

comprises a computing equipment "data processing center," a location order processor

and information processing reader (col. 46, line 30-43) and communications link

between the data processing center and the location order processor (col. 10, lines 39-

54, col. 23, lines 3-16), where the data processing center accesses at least one

database via a network connection, such as Internet, intranet, private, public, PTP, (10,

line 55-col. 11, line 1+) retrieves the additional information form the database, and

communicates the additional information to the APC-14, accesses information from an

advertiser's server in determining which goods/services are available by the a provider

for providing to APC-14 in an expedited manner, where the location order processors

and the data processing center are co-located (col. 24, line 34-col. 25, line 1+, col. 45,

line 23-col. 46, line 43), where the Information processing reader further comprises a

sensor which automatically detects a signal generated by a vehicle associated with the

APC-14, upon arrival of the vehicle at the destination, where the communication link is

Internet, intranet, private, etc., (10, line 55-col. 11, line 1+, col. 24, line 34-col. 25, line

1+, col. 32, lines 13-27, col. 61, line 24-col. 62, line 23)

> Claim 90 is met as previously discussed with respect to claim 16.

> Claim 91 is met as previously discussed with respect to claim 16.

> Claim 92 is met as previously discussed with respect to claims 26-27.

> Claim 93 is met as previously discussed with respect to claim 14.

> Claim 94 is met as previously discussed with respect to claim 15.

> As to claim 95, note the **Treyz** reference figures 1-2, 56 and 57, discloses

automobile personal computer systems and further discloses a method for expediting

the provision of at least one goods/services from a provider to a user in response to the

reception of a programming signal containing an indication that additional information

related to the programming signal is available, upon an indication by the user of a desire

to purchase at least one goods/service provided by the provider upon receiving

directions from a current location of the user to a destination location associated with

the provider, comprising:

the claimed "receiving a programming signal and an address associated with a

provider..." and "receiving an indicator that additional information related to the

programming signal is available" are met by Wireless Receiver/Transmitter (R/T) or

Wireless Communications Circuitry (WCC) 306 of Automobile Personal Computer

(APC) 14 "a user system" (fig. 1, col. 10, line 23-col. 11, line 1+), which communicates

services "programming signal and an address associated with provider..." to/from APC-

14, a computer system or any device, such as PDA, laptop, palm-size computer, cellular

telephone, wrist watches, with built-in computing capabilities; these services, such as e-

mail, voice, paging, text, audio or video program, etc., are received from a Service

Provider, Merchant, Broadcasting Station, etc., "a provider system" via wireless links,

Internet, terrestrial base stations, satellite signals from GPS, radio and data broadcast,

"a programming transmission system" (col. 11, line 1-col. 12, line 1+), includes an

address of the Service Provider, Merchant, Broadcasting Station, etc., (col. 17, lines

29-40, col. 39, lines 48-62, col. 58, line 47-col. 61, line 23 and line 46-col. 62, line 12),

and upon a user interacts with the received content (audio or video content, etc,), if

desired a driving direction to a destination "an address" is provided to the user; note

further that APC-14 receives various notifications, audible, visual, etc., to indicate that

additional information is available (col. 28, lines 44-63, col. 34, lines 54-65, col. 35, lines

29-53 and col. 36, lines 35-59)

APC 14 includes a decoder "an access controller" (col. 13, lines 38-51, col. 22,

lines 1-19 and col. 66, lines 13-19), which is connected to R/T for decoding the address;

the claimed "a user interface..." is met by Front-Panel (FP) 256 (figs. 8-11 and

col 18, lines 9-40), which includes Display 270, a touch screen, where the user interacts and enters commands to access the additional information;

the claimed "communicating a request from a user for information to a provider..." is met by Processor(s) (Pro) 72 (col. 13, lines 38-50), which establishes a link, upon receiving the user command, with a service/content provider "an information source" with the address (col. 33, lines 6-49 and col. 61, line 46-col. 62, line 12);

the claimed "a MOTES interface device which expedites the acquiring of goods/services by the user..." is met by APC-14 "a transaction processing system," "information processing system or reader" (col. 22, lines 10-19, line 54-col. 23, line 16, col. 53, line 60-col. 54, line 29) which includes Processor 72 for communicating a user's identity to the service provider, and executes interactive prompts (col. 12, lines 21-29) to the user from the service provider for the acquiring or purchasing of a specific product or good and services by the user from the provider, and enables the user to performing financial transactions (col. 45, line 23-col. 46, line 1+), furthermore the a GPS Receiver 112 (col. 31, lines 16-30 and col. 33, lines 6-49) determines the location of the user and communicates information to APC-14 Processor 72 to acquire the necessary information to nearby service providers; the user can further make a hotel reservation and upon arrival to hotel in person, the user provides a credit card, which verifies the user identify, for the necessary services or transactions (col. 46, line 30-col. 47, line 16).

Claim 96 is met as previously discussed with respect to claim 16.

Claim 97 is met as previously discussed with respect to claim 95.

Claim 98 is met as previously discussed with respect to claims 26-27.

Claim 99 is met as previously discussed with respect to claim 14.

Claim 100 is met as previously discussed with respect to claim 34

Claim 101 is met as previously discussed with respect to claims 24 and 29-31.

As to claim 102 Treyz further discloses where the directions are provided in a

form of a map, visual and written (col. 33, lines 6-30. col. 61, line 46-62, line 1+ and col.

86, line 27-col. 87, line 1+)

Claim 103 is met as previously discussed with respect to claims 7-8.

Claim 104 is met as previously discussed with respect to claim 10.

Claim 105 is met as previously discussed with respect to claim 11

Claim 106 is met as previously discussed with respect to claim 13

Claim 107 is met as previously discussed with respect to claim 15

Claim 108 is met as previously discussed with respect to claim 14

Claim 109 is met as previously discussed with respect to claim 13.

As to claim 118, the claimed "a data processing center, comprises..." as met by

the Provider as previously discussed with respect to claim 1.

Claims 119-120 are met as previously discussed with respect to claim 1.

Claim 121 is met as previously discussed with respect to claim 16.

As to claims 122-123, Treyz further teaches where the user can communicate to

a service representative to receive the goods and services and further where the goods

and services or directional are retrieve from a database at the provider (col. 61, line 23-

col. 62, line 40

Claim 124 is met as previously discussed with respect to claim 11.

Claim 125 is met as previously discussed with respect to claim 33.

Claim 126 is met as previously discussed with respect to claim 65.

As to claim 127, the claimed "a computer system for expediting the provisioning

of...comprises..." contains the same structural element as rejected claim 1.

As to claim 128, Treyz further teaches where Pro 72 controls the operation of

WCC 306 or modem of APC-14 (col. 13, lines 38-50, col. 24, lines 56-60 and col. 26,

lines 37-48)

Claim 129 is met as previously discussed with respect to claim 16.

Claim 130 is met as previously discussed with respect to claims 26-27.

Claim 131 is met as previously discussed with respect to claim 15.

Claim 132 is met as previously discussed with respect to claim 8.

As to claim 133, the claimed "a computer-readable medium...comprises..."

contains the same structural element as rejected claim 1.

Claim 134 is met as previously discussed with respect to claim 5.

As to claim 135, the claimed "a signal for transmitting information used to

expedite the provisioning of...comprises..." contains the same structural element as

rejected claim 1.

Claim 136 is met as previously discussed with respect to claim 16.

Claim 137 is met as previously discussed with respect to claims 16.

Claim 138 is met as previously discussed with respect to claims 26-27.

Claim 139 is met as previously discussed with respect to claim 57.

Claim 140 is met as previously discussed with respect to claims 16.

As to claim 141, the claimed "a computer-readable data transmission

medium...comprises..." contains the same structural element as rejected claim 1.

Claim 142 is met as previously discussed with respect to claims 62-63.

As to claims 143-144, Treyz further disclose where the second portion of the

signal further comprises direction provided verbally or textual format (col. 38, lines 20-

34 and line 55-col. 39, line 1+).

Claim 145 is met as previously discussed with respect to claim 14.

As to claim 146, Treyz further disclose where the data transmission medium, is

generated by a local storage device located at the Provider, and transmitted from the

local device to APC-14 (col. 33, lines 25-30 and col. 44, lines 7-42).

As to claims 147-148, the claimed "a method...comprising..." contains the same

structural element as rejected claim 1.

Claim 149 is met as previously discussed with respect to claims 26-27.

Claim 150 is met as previously discussed with respect to claims 57.

As to claim 151, the claimed "a user interface...to acquire at least one

good/service by the user at the destination; comprising:

a user input device, (inputs 258, 260, 262, 264, 266, etc., figs 8, 9 and col. 18,

line 18, lines 9-40) and a user output device (Display 270); where the user input enables

a user to request additional information related to an address extracted by the access

system from a programming signal and the user output device enables the user to

receive the additional information (col. 31, lines 16-30 and col. 33, lines 6-49 and col.

46, line 30-col. 47, line 16).

As to claim 152-153, Treyz further disclose where the input consists of a keyboard, a pushbutton, computing device, microphone, etc., and the output of: a flat screen, LED display, etc., (col. 18, line 18, lines 9-40 and col. 20, lines 25-37)

As to claim 154, the claimed "a method...comprising..." contains the same structural element as rejected claim 1.

Claim 155 is met as previously discussed with respect to claim 38.

Claim 156 is met as previously discussed with respect to claim 20.

Claim 157 is met as previously discussed with respect to claim 2.

Claim 158 is met as previously discussed with respect to claims 26-27.

Claims 159-160 are met as previously discussed with respect to claims 8-10.

As to claim 162, the claimed "computer readable medium...comprising..." contains the same structural element as rejected claim 1.

Claim 163 is met as previously discussed with respect to claim 38.

Claim 164 is met as previously discussed with respect to claim 20.

Claim 165 is met as previously discussed with respect to claim 2.

Claim 166 is met as previously discussed with respect to claims 26-27.

Claims 167-169 are met as previously discussed with respect to claims 8-10.

As to claim 170, the claimed "a system for providing goods/services at a destination location to a user...comprising:" contains the same structural element as rejected claim 1.

As to claims 171-172, the claimed "a method for expediting the provisioning of at least one good/service...comprising:" contains the same structural element as rejected

claim 1.

Claim 173 is met as previously discussed with respect to claim 38.

As to claims 174-175, the claimed "a computer system for expediting the

provisioning of at least one good/service...comprising:" contains the same structural

element as rejected claim 1.

Claim 176 is met as previously discussed with respect to claim 8.

As to claims 177-178, the claimed "a system utilized to provide a good/service to

a user based upon the reception of an address...comprising:" contains the same

structural element as rejected claim 1.

Claims 179-180 are met as previously discussed with respect to claims 26-27.

Claim Rejections - 35 USC § 103

3.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for

all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4.   Claim 17 is rejected under 35 U.S.C. 103(a) as being unpatentable over

Treyz et al (6,526,335) as applied to claim 16 above, and in view of **Merchant**

(6,240,183).

As to claim 17, Treyz fails to explicitly teach where wireless telecommunication

link and electronic signal are encrypted.

However, **Merchant** teaches encrypting electronic signals in a wireless

communication system.

Therefore it would have been obvious to one of ordinary skill in the art at the time

of the invention to incorporate the teaching of Merchant into the system of Treyz to

provide network security and communicate information to appropriate user.

5.   Claims 75-77, are rejected under 35 U.S.C. 103(a) as being unpatentable

over **Treyz et al (6,526,335)** as applied to claim 35 above, and in view of **Hiyokawa et**

al (6,047,235).

As to claims 75-76, Treyz further teaches monitoring a location of a user of APC-

14 (col. 35, lines 54-60), but fails to explicitly teach generating an indicator signal when

the user deviates from a direction provided to the user, the direction indicating a

preferred route from the current location to the destination location, and generating a

second set of directions from a new current location to the destination location and

providing the second set of directions to the user.

However, note the **Hiyokawa et al** reference figures 1 and 7, disclose vehicular

navigation system for inputting/outputting information relating to route guidance, current

position detection unit 2 for detecting or receiving information relating to current position

of a vehicle of a user, storing navigation data necessary for route determination and

monitors and stores route data and locations of the user as the user travels from the

current location to the destination, generating an indicator signal when the user deviates

from the directions, generating a second set of directions from the user's new location to

the destination, and providing the directions to the user (col. 5, lines 43-63 and col. 11,

lines 38-63).

Therefore it would have been obvious to one of ordinary skill in the art at the time

of the invention to incorporate the teaching of Hiyokawa into the system of Treyz to

provide a audio-visual guidance data, as a help enhancement data to assist the user

and direct the user to the desired destination and generate a second set of directions

from the user's new location to the destination to enable user to obtain Map directions

from any location to the desired destination.

As to claim 77, Treyz fails to explicitly teach accessing a database of frequent

locations visited by the user and selecting a frequent location from the database,

determine directions from the destination to a selected frequent location and providing

the directions to the user.

However, Hiyokawa teaches monitoring and storing traveling routes and

locations visited by the user and which enables a user to follow the same directions to

original location or a specific location, where the data can be retrieve at anytime upon

the user request and retrace the route back to a starting point or a specific location(s)

(col. 5, lines 43-63 and col. 11, lines 38-63).

Therefore it would have been obvious to one of ordinary skill in the art at the time

of the invention to incorporate the teaching of Hiyokawa into the system of Treyz, store

the travel route data and retrieve at anytime, to retrace the route to the user's starting

point or to specific or frequent locations visited by the user.

6.   Claims 110-117 are rejected under 35 U.S.C. 103(a) as being

unpatentable over **Treyz et al (6,526,335)** and in view of **DeLorme et al (5,948,040)**.

As to claims 110-111, Treyz further teaches all the claimed limitations as

previously discussed with respect to claim 95, including accessing a data file designated

by the address, determining the availability of the goods/services selected by the user,

but fails to explicitly teach determining the estimated waiting time for the delivery of

goods/services and selecting the goods/services based on the estimated time.

However, DeLorme teaches preparing an order based on an estimated the arrival

time (col. 50, lines 27-67, col. 67, line 32-col. 68, line 6 and col. 75, lines 6-32).

Therefore it would have been obvious to one of ordinary skill in the art at the time

of the invention to incorporate the teaching of DeLorme into the system of Treyz to

prepare orders or services based on the user's ETA and save the time upon arrival to

the destination.

As to claim 112, note the **Treyz** reference figures 1-2, 56 and 57, discloses

automobile personal computer systems and further discloses a provider system for

providing at least one good/service to a user, whereupon the goods/services selected

by the user is related to a program associated with additional information, the program

being received by a user system (APC-14), such that directions to a destination location

affiliated with the provider and the expedited delivery of the goods/services to the user

upon arrival at the destination location is provided to the user upon receiving a

command from the user to receive the additional information and acquire the related

goods/services, comprising

the claimed "a location order processor..." and "a MOTES reader" is met by

Computing Equipment located at the Service Provider, Merchant, Hotel, etc., (figs. 1,

col. 10, lines 39-54, col. 12, lines 21-53, col. 45, line 23-col. 46, line 43), which includes

information processing "MOTES" reader, receives location information and processes

orders for goods/services based on the user's destination and expedites a transaction

for a hotel reservation, stocks, purchasing of products or services and receives the

services or product upon arrival to the destinations the hotel or merchant communicates

to APC-14 to provide the requested services (col. 46, line 30-col. 47, line 16, col. 61,

line 23-col. 62, line 17).

Treyz fails to explicitly teach preparing the order based on an estimated time of

arrival of the user.

However, DeLorme teaches preparing an order based on an estimated the arrival

time (col. 50, lines 27-67, col. 67, line 32-col. 68, line 6 and col. 75, lines 6-32).

Therefore it would have been obvious to one of ordinary skill in the art at the time

of the invention to incorporate the teaching of DeLorme into the system of Treyz to

prepare orders or services based on the user's ETA and save the time upon arrival to

the destination.

Claim 113 is met as previously discussed with respect to claims 26-27.

As to claim 114-117, Treyz further discloses where the information processing

system at the Provider, detects the arrival of the user via an electromagnetic signal

received from a vehicle utilized by the user, via a code received on arrival at the

destination, processes a transactional automatically upon arrival and receives the

necessary payment (col. 33, line 50-col. 34, line 35, col. 45, line 23-col. 46, line 43 and

col. 61, line 23-col. 62, line 17).

Conclusion

6.   The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure.

Hirota et al (5,568,390) disclose navigation system to be mounted on vehicles.

Chern et al (6,456,854) disclose system and method for locating and tracking

mobile telephone devices via the Internet.

7.   Any inquiry concerning this communication or earlier communications from

the examiner should be directed to **Annan Q. Shang** whose telephone number is **571-**

272-7355. The examiner can normally be reached on **700am-400pm**.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, **Christopher S. Kelley** can be reached on **571-272-7331**. The fax phone

number for the organization where this application or proceeding is assigned is **703-**

872-9306.

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Business Center (EBC) at 866-217-9197 (toll-free).

Annan Q. Shang.

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